

“Yet Another BHL Presentation”

The Biodiversity Heritage Library

Internet Archive
Leaders' Forum
19 October 2009
San Francisco, CA



Martin R. Kalfatovic
Smithsonian Institution Libraries





Biodiversity
Heritage
Library

American Museum of Natural History (New York)

Academy of Natural Sciences Philadelphia

California Academy of Sciences (San Francisco)

Field Museum (Chicago)

Natural History Museum (London)

Smithsonian Institution Libraries (Washington)

Missouri Botanical Garden (St. Louis)

New York Botanical Garden (New York)

Royal Botanic Garden, Kew

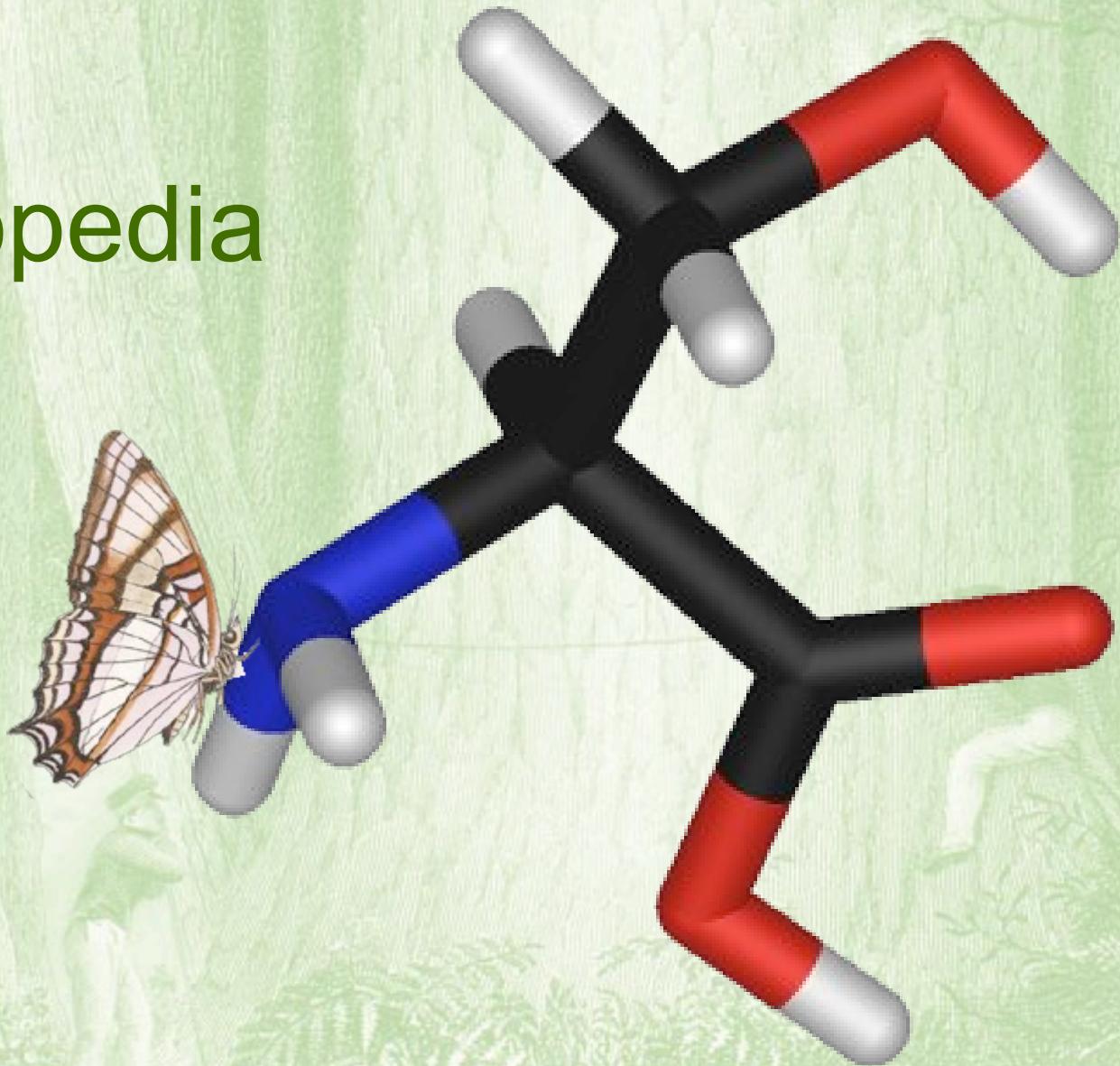
Botany Libraries, Harvard University

Ernst Mayr Library of the Museum of Comparative Zoology, Harvard University

Marine Biological Laboratory / Woods Hole Oceanographic Institution



The Encyclopedia of Life



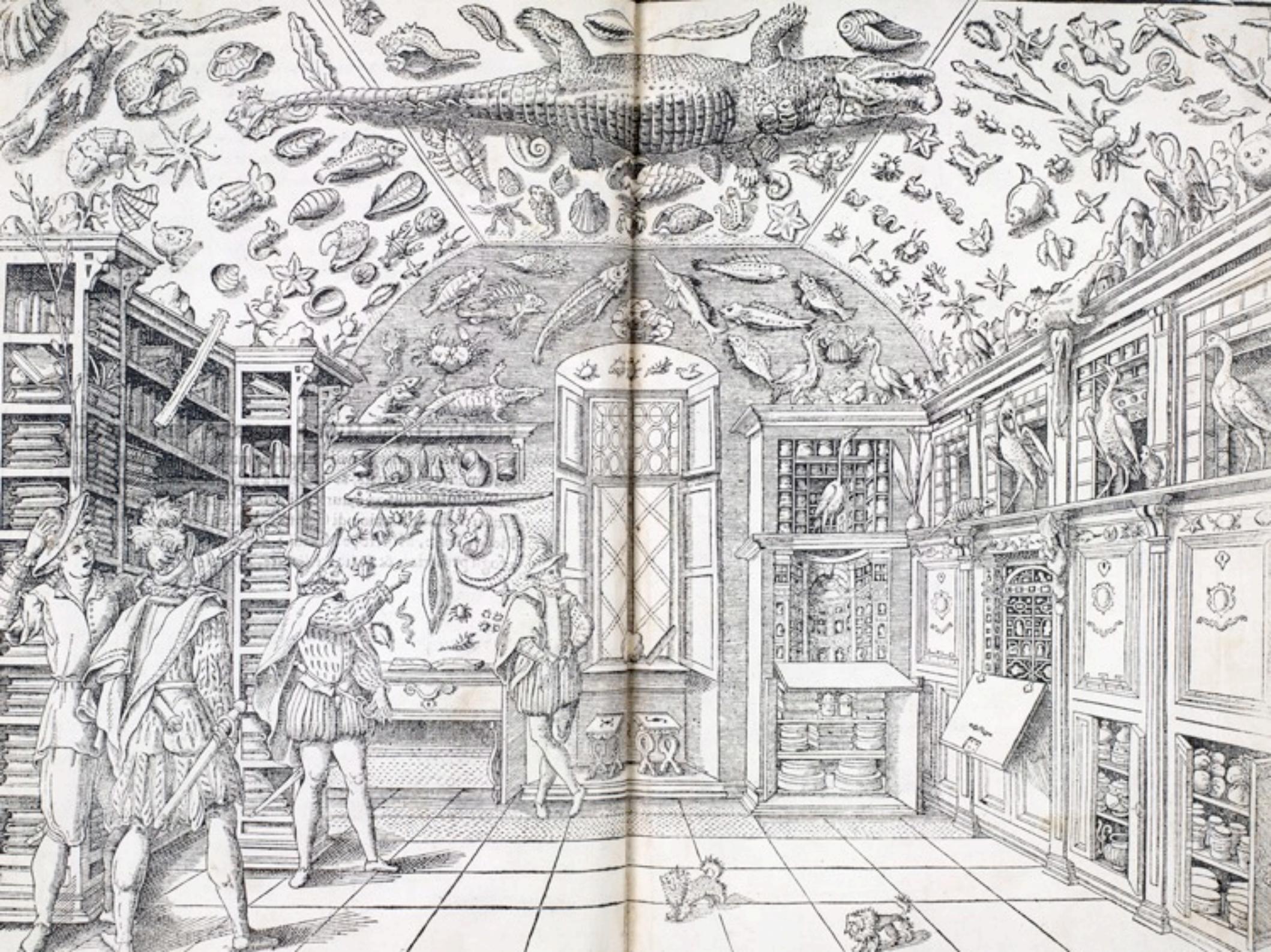


Education and Outreach
Smithsonian & Harvard

Synthesis Center
Field Museum

Species Pages & Secretariat
Smithsonian

Informatics
Marine Biological Laboratory
Missouri Botanical Garden





How much is there:

Core literature pre-1923: 100 million pages (?)

All pre-1923: 120-150 million pages

All literature: 280-320 million pages





Why don't you just
Scan it all?
(2003)

BHL Scanning



Northeast Regional Scanning Center

- 10 Scribe machines
- MBL/WHOI
- Harvard

Jersey City Facility

- 10 Scribe machines
- AMNH
- NYBG



University of Illinois

- 2 Scribe machines

Natural History Museum, London

- 1 Scribe machine

Missouri Botanical Garden

- Non-Scribe operation



Washington, DC

- 1 Scribe machine at Smithsonian Libraries
- 11 Scribe facility at Library of Congress (FedScan)



Now Online

More than:

40,000 volumes

16 million pages

Only 290 million to go!

Avg. monthly growth rate

1,500 volumes

600,000 pages

See you in 2048!



Scanning Partner
Internet Archive

Contributor
University of Illinois,
Urbana-Champaign

Contributor
Library of Congress



Ingest existing content
12,000,000 pages+ from other
Internet Archive scanning partners



Acquiring other content ...



Researchers scanning their own work or literature relevant to their work

Journals that have scanned their content, but do not have a robust platform to host it

Biodiversity Heritage Library Permission Process

Working with non-profit publishers for sharing with the BHL

To digitize and mount works under copyright BHL must obtain permission from the copyright holders.

Many biodiversity journals and monographs are published by non-profit institutions or learned societies whose mission is to promote research and learning.

Some of these institutions have not sold their rights to commercial publishers and are open to sharing with the BHL.





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Paleontology Fossil Peru **Insects** Entomology Invertebrates Congresses Bibliography mtax France Beetles Italy
Periodicals Materia medica Floras Switzerland South America **Botany** classification Anatomy **Fishes** Mammals
physiology Science Marine animals **Great Britain** Comparative Pictorial works biology evolution United States history India Fungi
Germany

[more keywords](#)

Recent publications

ARACHNIDES, CRUSTACÉS, ANNÉLIDES, CIRRHIPÉDES

Arachnides, Crustacés, Annélides, Cirripèdes, Milne Edwards, H. , Histoire Naturelle des Animaux sans Vertèbres, présentant les caractères généraux et particuliers de ces Animaux, ..., Volume 5, Paris, p.699, (1837)

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HISTOIRE NATURELLE DES CRUSTACÉS, COMPRENANT L'ANATOMIE, LA PHYSIOLOGIE ET LA CLASSIFICATION DE CES ANIMAUX

Histoire naturelle des Crustacés, comprenant l'anatomie, la physiologie et la classification de ces animaux, Milne Edwards, H. , Librairie Encyclopédique de Roret, Volume 2, Paris, p.532, (1837)

[Add new comment](#)

GERYON TRIDENS, EN NY KRABBE

Geryon tridens, en ny Krabbe, Krøyer, H. , Naturhistorisk Tidsskrift, Volume 1, p.10-21, (1837)

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[\[+ \] FEEDBACK](#)

So what? Does [fill in blank] do that?



... and more and faster?

So what? Does [fill in blank] do that?



... and more and faster?



BHL is all about OPEN

Remind me
again why?



An inordinate fondness for data

Access

Putting biodiversity
literature in the hands
of researchers

Set the data free

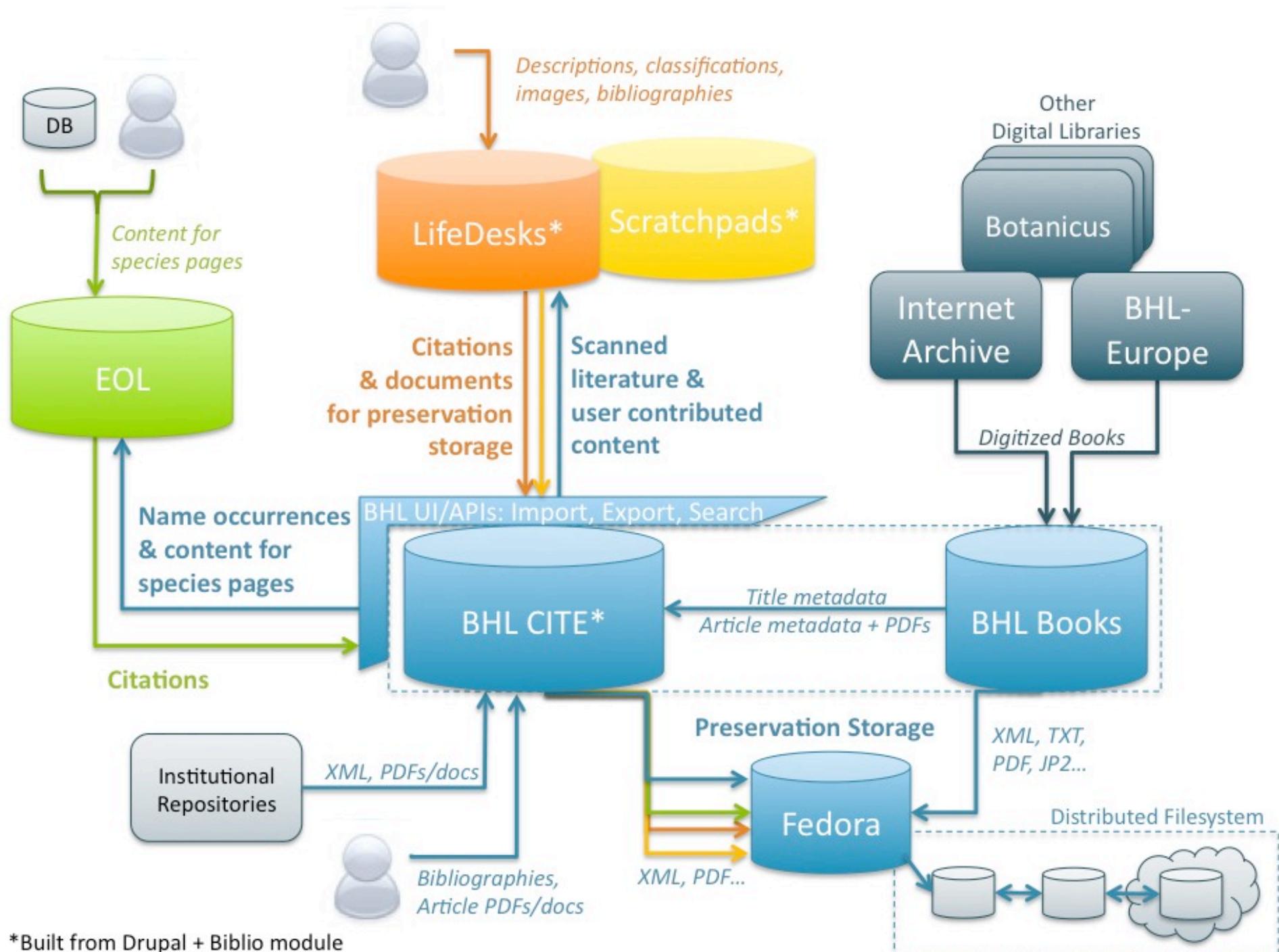
Suck it; mash it;
broadcast it

Increase

Reuse, recycle, expand



Bibliographic metadata sharing between BHL and EOL/LifeDesks/Scratchpads



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Biodiversity Heritage Library

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Recently Added Items

Title	Updated By	Updated On
 Phymaturus Gravenhorst, 1837 and Lacerta palluma Molina, 1782 (currently Phymaturus palluma; Reptilia, Sauria): proposed conservation of usage of the names by designation of a neotype for Lacerta palluma Molina, 1782	Roderic Page	2009-10-07 12:06
 Catalog of Living Whales	Roderic Page	2009-10-07 09:25
 Duplicated in BHL at http://www.biodiversitylibrary.org/item/45847 and http://	Roderic Page	2009-10-07 07:19
 A monograph of the South Asian, Papuan, Melanesian and Australian frogs of the genus Rana	Roderic Page	2009-10-07 07:19

Article metadata for items in the Biodiversity Heritage Library.

Owner: Roderic Page

Registered: 2009-10-07

Type: Public

Membership: Open

Library Access: You can only view

Members (3)



BHL timeline example

Simple demonstration of displaying results of a [Biodiversity Heritage Library](#) taxon name search using the [SIMILE Timeline widget](#).

Enter taxon name below

Timeline for "Physeter catodon" (uBio namebankID [2478573](#)):

- Fishery circular / [2] • Fishery bulletin / [2] • Oceanus. [6] • The Biological bulletin. [1]
eanus. [1] • Oceanus. [1] • Oceanus. [2] • Fishery bulletin / [1]
- ogy [2] • Fishery bulletin / [2] • Oceanus. [1] • A synopsis of the mammalian fauna of the Philippine Islands / [1]
- Special scientific report. [2] • Fishery bulletin / [1] • Oceanus. [2]
- he dolphin in history; [1] • Fishery circular / [1] • Fishery bulletin / [2]
- pecial scientific report. [1] Fishery bulletin / [1] • Proceedings of the San Diego Society of Natural History. [2]
- ientific report. [1] • Fishery circular / [1] • Fishery bulletin / [1]
- es. [1] • Fishery bulletin / [4] • Annual report of the Marine Mammal Commission : [1]
- The brain in hominid evolution / [1] • Annual report of the Marine Mammal Commission : [1]
- Special scientific report. [2] • Fishery bulletin / [5]
- Ectoparasites of Panama. [1] • Field Museum of Natural History bulletin. [1]
- States National Museum. [1] • Journal of the Arnold Arboretum. [2]
- the Fish and Wildlife Service. [1] • Fishery bulletin / [2]
- gy at Harvard College. [1] • Bulletins of American paleontology. [1]
 - Final environmental impact statement on the negotiation of a regime for conservation of Antarctic marine living resources / [2]
 - Transactions of the San Diego Society of Natural History. [1]
 - Selected readings in mammalogy : [1]
 - Whales, dolphins, and porpoises of the western North Atlantic / [1]

Enter taxon names below

Physeter catodon

Physeter macrocephalus

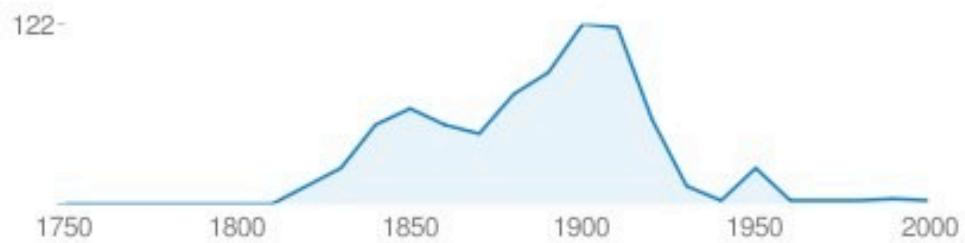
Physeter catodon

[View timeline](#)



Physeter macrocephalus

[View timeline](#)





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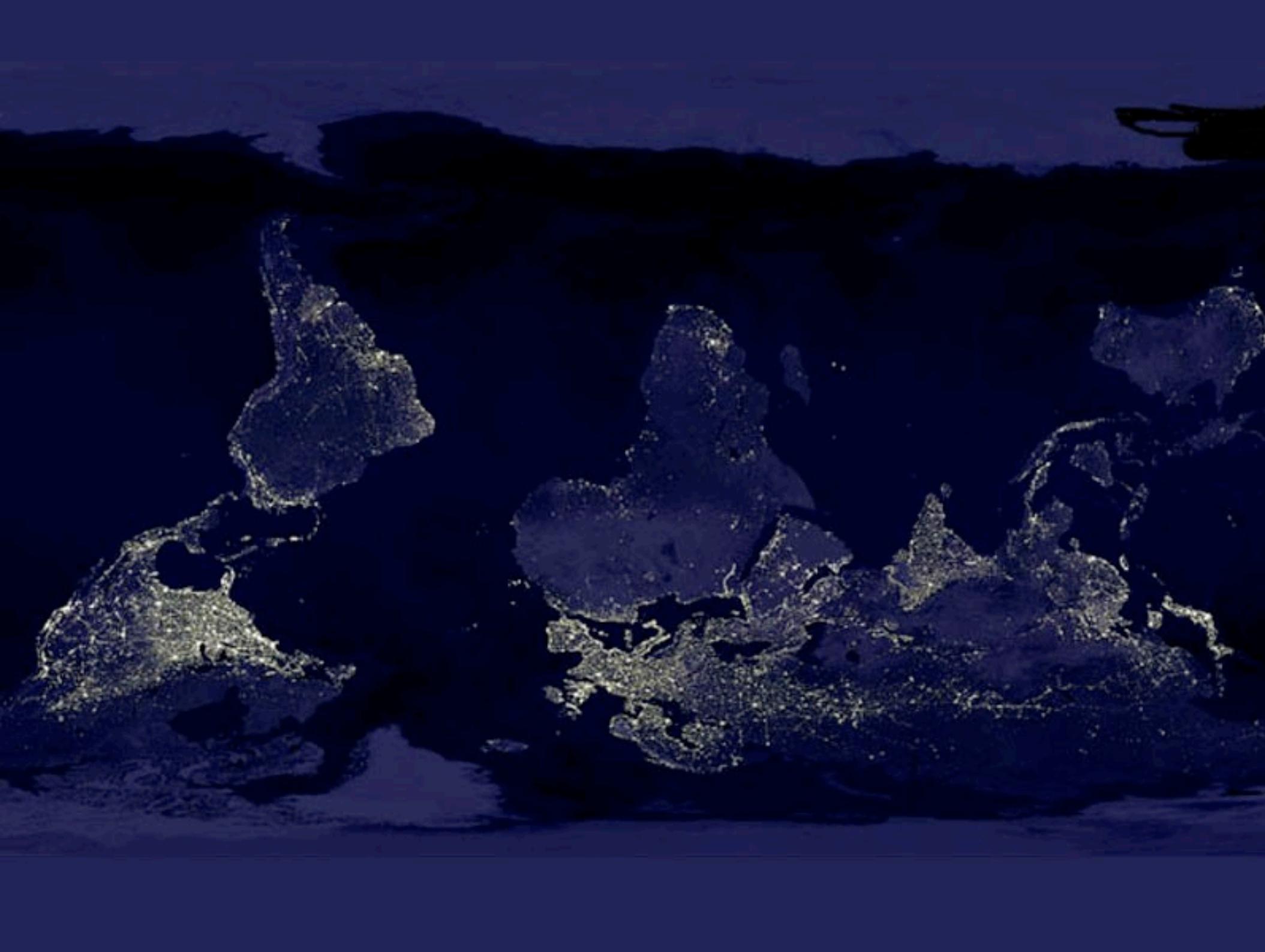


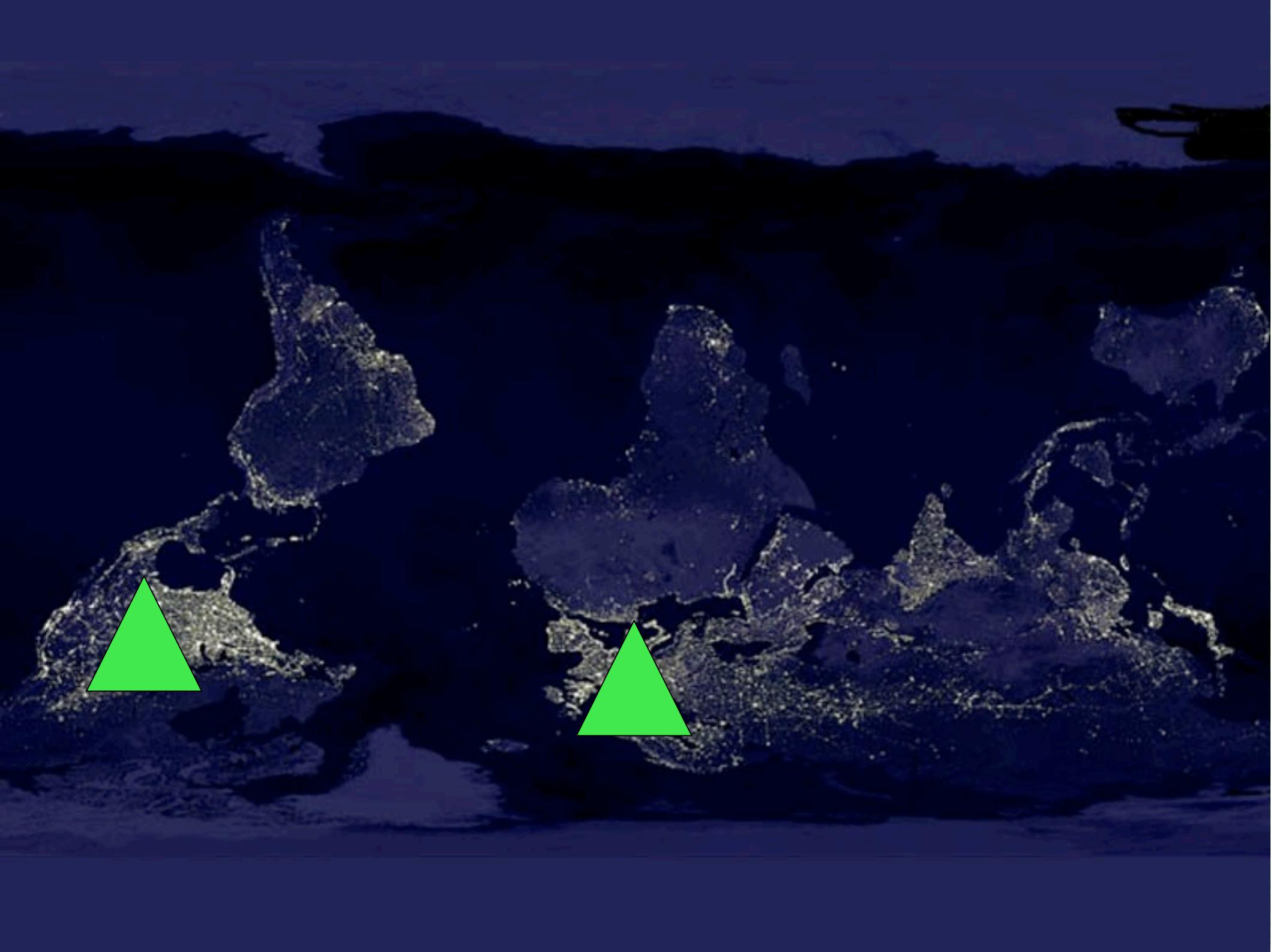
flickr

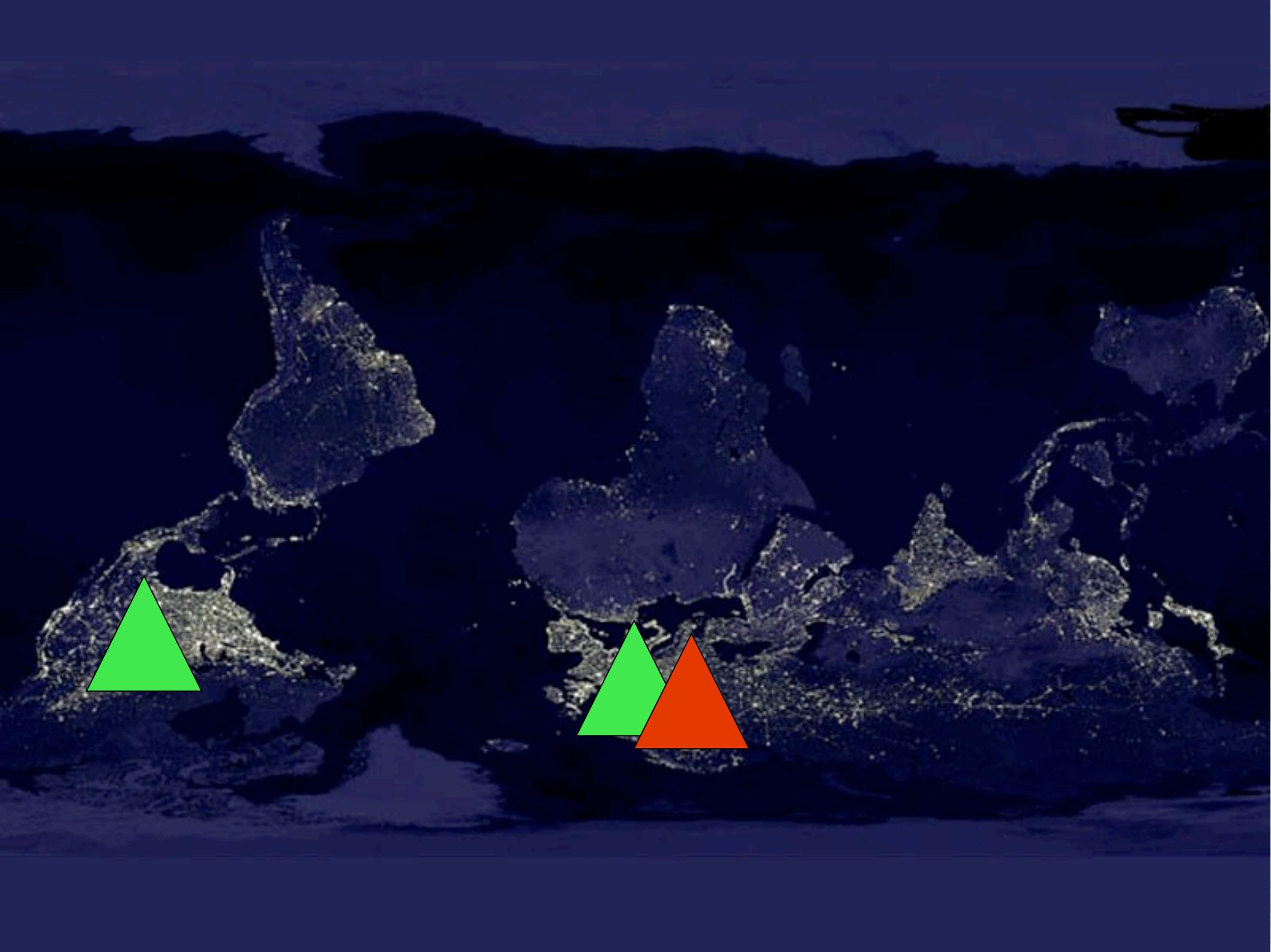
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Present Yourself

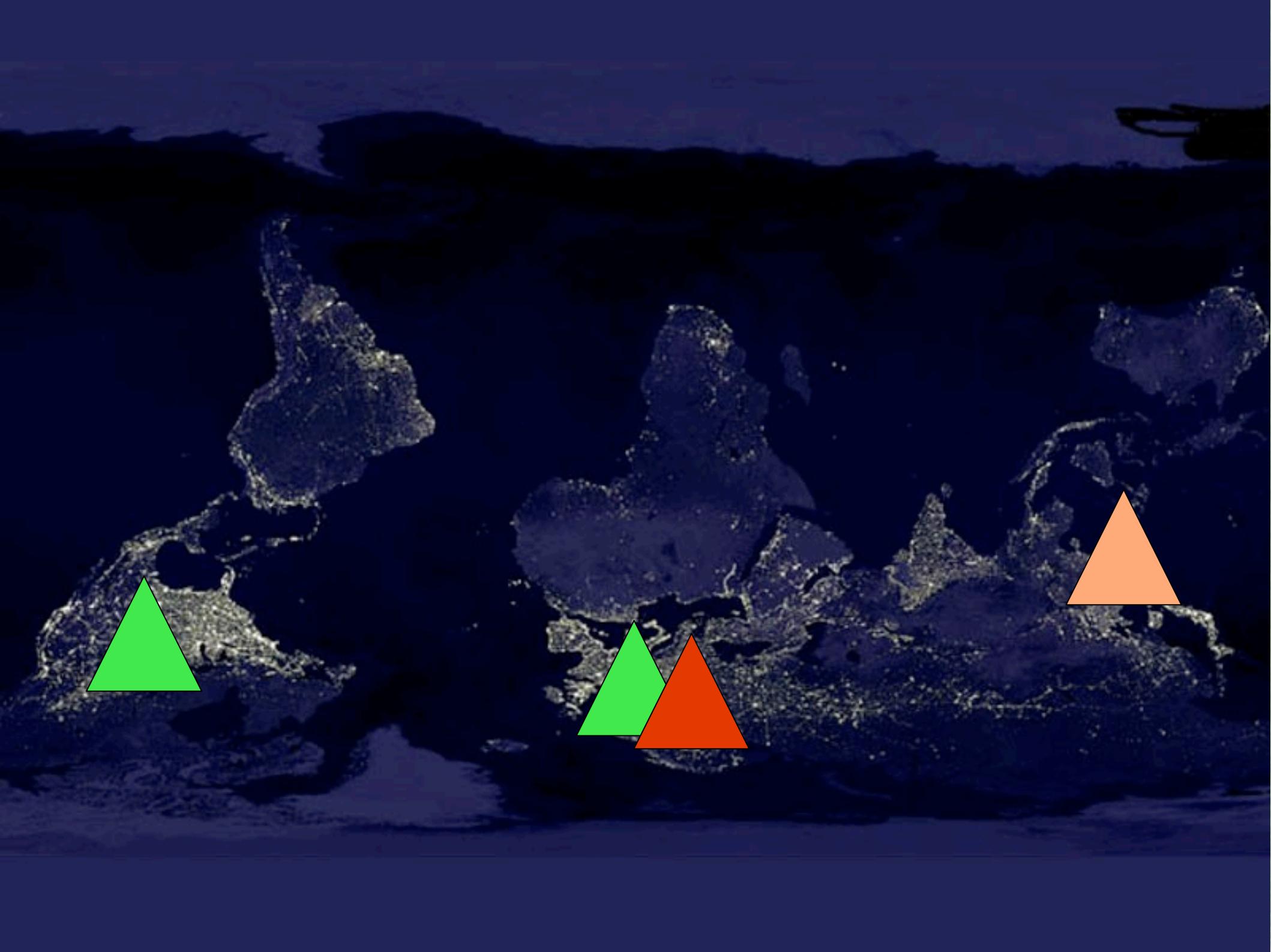


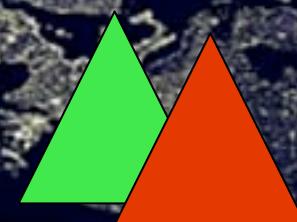
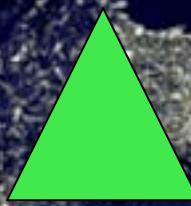
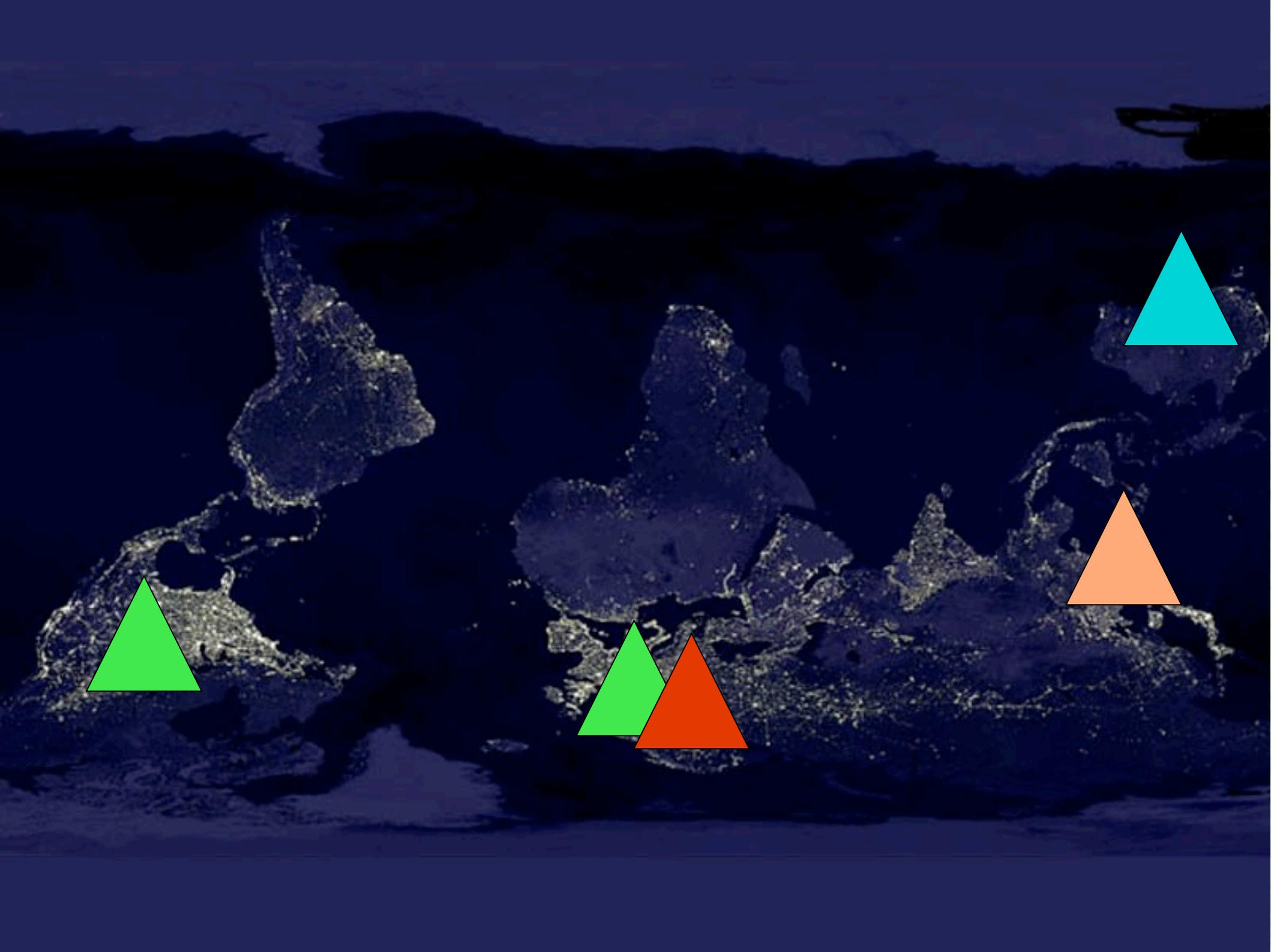
LinkedIn















Global BHL

Based on open access

Open content

Collaboration

Shared development

Uh, so what's it mean
to me?

1.9 million known
species ... most
described once in a
hard to find article ...
wouldn't it be nice to
know more about
your neighbors ...









*** STOP: 0x0000001E (0xC0000005, 0x80101E08, 0x00000000, 0x0B000001)
KMODE_EXCEPTION_NOT_HANDLED*** Address 80101E08 has base at 80100000
exe

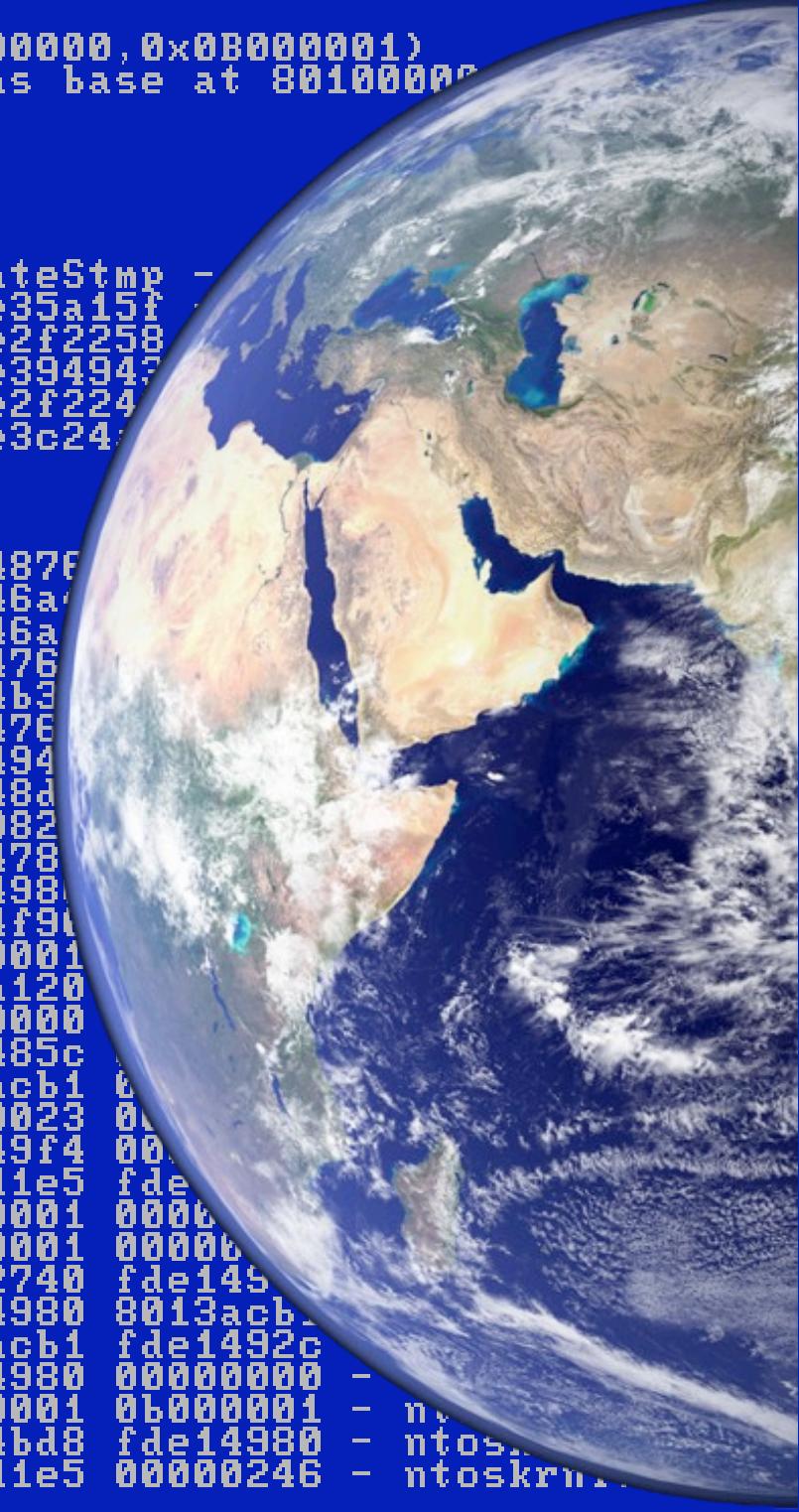
p7-0108 irq1:1f SYSVER 0xf00002f4

Dll Base	DateStamp	-	Name	Dll Base	DateStamp	-
80100000	2e3d2e69	-	ntoskrnl.exe	80400000	2e35a15f	-
801e2000	2e39c53d	-	setupdd.sys	80014000	2e2f2258	-
8001c000	2e36bab2	-	vga.sys	80212000	2e394947	-
80216000	2e2f2240	-	floppy.sys	8021b000	2e2f224	-
80222000	2e2f2245	-	kbdclass.sys	80225000	2e3c24	-
fcc00000	2e2f21fc	-	fd16_700.sys			

Address dword dump Build [756]

fde1466c	80101e08	80101e08	00000000	0b000001	80134878	
fde14678	80134876	80134876	fde1469c	80136e73	fde146a	
fde14680	80136e73	80136e73	fde146a4	00000000	fde146a	
fde146a8	8013eaca	8013eaca	fde1492c	fde14f6c	fde1476	
fde146c0	8013eade	8013eade	fde14f6c	fde1474c	80124b3	
fde146cc	80124b34	80124b34	fde1492c	fde14f6c	fde1476	
fde146e0	80136e2c	80136e2c	0b000001	0b000001	fde1494	
fde146fc	80101e12	80101e12	00000008	00010286	fde148d	
fde14714	80136e2c	80136e2c	e1000828	80187c96	e100082	
fde1471c	80187c96	80187c96	e1000828	00000468	fde1478	
fde14730	80102053	80102053	fde148a8	8011d7a8	fde1498	
fde14738	8011d7a8	8011d7a8	fde14980	fde13000	fde14f9	
fde14750	8011f1a7	8011f1a7	fde1492c	fde14768	0b000001	
fde1478c	801105c9	801105c9	e102300c	c038408c	fe3ea120	
fde147b4	801050fd	801050fd	e102300c	c038408c	00000000	
fde147e0	80136e2c	80136e2c	80198c58	ffffffffff	fde1485c	
fde147e4	80198c58	80198c58	ffffffffff	fde1485c	8013acby1	
fde147f0	8013acby1	8013acby1	00000000	00000030	00000023	00
fde14820	80101e08	80101e08	00000008	00010203	fde149f4	00
fde1484c	8013d072	8013d072	00000001	0b000005	8013d1e5	fde
fde14858	8013d1e5	8013d1e5	fde0bba8	00000023	00000001	00006
fde14878	8010fd6c	8010fd6c	fde0788	00000023	00000001	00006
fde148c4	80101e12	80101e12	00000008	00010286	e1022740	fde149
fde14904	80136e2c	80136e2c	80198c58	ffffffffff	fde14980	8013acby
fde14908	80198c58	80198c58	ffffffffff	fde14980	8013acby1	fde1492c
fde14914	8013acby1	8013acby1	fde1492c	00000000	fde14980	00000000
fde14938	80101e08	80101e08	00000002	00000000	0b000001	0b000001
fde1495c	80137604	80137604	c0000005	00000001	fd014bd8	fde14980
fde14970	8013d077	8013d077	00000000	0b000001	8013d1e5	00000246

Restart and set the recovery options in the system control panel
or the /CRASHDEBUG system start option. If this message reappears



Norton

And thanks to ...

Christine

Jane Currie
Abeln
Nolan
Rielinger
Mizzy
Matt
Bolin
Lipscomb
Mignault
Bernard
Matthew
Grace
Diane
Morin
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Garnett
Warrenment

Cathy

Thanks for sticking around!

